LTC Series Lensed Cameras

www.boschsecurity.com

BOSCH
Invented for life

- Pre-assembled units with camera and varifocal lens included
- Reduces installation time to the absolute minimum
- Choice of camera model (general purpose, high performance, or Day/Night; HD, IP or analog) and various varifocal lens options available
- HD and IP models offer quad-streaming of multiple H.264 streams, an I-frame only recording stream, and one simultaneous M-JPEG stream) and local storage for flexible recording.
- ONVIF conformant

The LTC Series Indoor Camera kits provide the most economical package available for indoor applications. These kits reduce the required installation time to the absolute minimum. Each kit includes a camera with a pre-assembled and an adjustable varifocal lens. The kits for “W” model cameras also include an optional wall mount bracket. Users only need to connect the power supply and video cables to obtain superior picture performance in virtually all indoor applications.

Superior image quality
The kits are based on the Dinion Series of analog, IP and HD cameras, which cover high resolution and high definition as well as color and day/night versions.

1080p HD Camera
The DinionHD camera is designed to stream a high resolution 1080p video image in true HD format (16:9). The camera now brings the unmatched Dinion Image performance to HD-standard video. With a 1/2.7-inch CMOS HD sensor, the DinionHD Day/ Night IP camera delivers outstanding image quality. The Bosch designed digital video processing system optimally handles the HD image format without compromise.

Network-based control and configuration
Dinion IP and HD network cameras are designed to ensure the highest possible image quality at all times, providing DVD-like, high-quality MPEG-4 video, at up to 25 images per second. Certain models are true hybrid cameras; they have an Ethernet connection for network video and a BNC connection for analog video. IP and HD models are ONVIF conformant devices that are able to exchange live video, audio, metadata, and control information. They have dual H.264 encoding streams that create DVD-quality streaming video at ultra-low bit rates, as well as a simultaneous M-JPEG stream, that minimize bandwidth and storage usage. They also feature the Motion+ video motion analysis system that is based on pixel change and includes object size filtering capabilities and sophisticated tamper-detection capabilities. The Intelligent Video Analysis (IVA) option, activated by a separate license, uses multilevel image analysis of pixels, texture, and object direction. The IP and HD cameras also support local recording on a microSD card. This can be used for local alarm recording or for Automatic Network Replenishment (ANR) to improve the overall reliability of video recording.

Ease of installation and servicing
Each analog camera is equipped with Bosch's Bilinx bi-directional communication for remote programming. Bilinx uses standard video cable to transmit alarm and status messages, providing superior performance and simplified installation.
The camera kits can be used in a wide variety of places such as retail stores, health care facilities, financial institutions, educational environments, and industrial areas.

System overview

Model No.	Lens	Mount	Description
LTC 0435/20 Analog Color, Standard, 24 VAC, 60 Hz, NTSC			
LTC 0435-28	LTC 3364/50	N/A	2.8-10 mm lens
LTC 0435-28W	LTC 3364/50	TC9210U	2.8-10 mm lens, white mount
LTC 0455/21 Analog Color, High Resolution (Night Sense), 24 VAC, 60 Hz, NTSC			
LTC 0455-28	LTC 3364/50	N/A	2.8-10 mm lens
LTC 0455-28W	LTC 3364/50	TC9210U	2.8-10 mm lens, white mount
LTC 0485/21 Analog Color, XF (Night Sense), 24 VAC, 60 Hz, NTSC			
LTC 0485-28	LTC 3364/50	N/A	2.8-10 mm lens
LTC 0485-28W	LTC 3364/50	TC9210US	2.8-10 mm lens, silver mount
LTC 0498/21 Analog Day/Night, 2X, 24 VAC, 60 Hz, NTSC			
LTC 0498-28	LTC 3664/40	N/A	2.8-11 mm lens
LTC 0498-28W	LTC 3664/40	TC9210US	2.8-11 mm lens, silver mount
LTC 0498-75	LTC 3674/20	N/A	7.5-50 mm lens
LTC 0498-75W	LTC 3674/20	TC9210US	7.5-50 mm lens, silver mount
NBC-455-21P / NBC-455-22P IP Color, 12VDC/24 VAC, 60 Hz, NTSC, MicroSD slot (card not included), H.264			
NBC-455-28	LTC 3364/50	N/A	2.8-10 mm lens, PoE
NBC-455-28V	LTC 3364/50	N/A	2.8-10 mm lens, IVA
NBC-455-28W	LTC 3364/50	TC9210US	2.8-10 mm lens, silver mount
NBC-455-28WV	LTC 3364/50	TC9210US	2.8-10 mm lens, IVA, silver mount
NBC-455-55	LTC 3374/50	N/A	5-50 mm lens, PoE
NBC-455-55V	LTC 3374/50	N/A	5-50 mm lens, IVA
NBC-455-55W	LTC 3374/50	TC9210US	5-50 mm lens, silver mount
NBC-455-55WV	LTC 3374/50	TC9210US	5-50 mm lens, IVA, silver mount
NBN-498-21P / NBN-498-22P IP Day/Night, 12VDC/24 VAC, 60 Hz, NTSC, MicroSD slot (card not included), H.264			
NBN-498-28	LTC 3664/40	N/A	2.8-11 mm lens, PoE
NBN-498-28V	LTC 3664/40	N/A	2.8-11 mm lens, IVA
NBN-498-28W	LTC 3664/40	TC9210US	2.8-11 mm lens, silver mount
NBN-498-28WV	LTC 3664/40	TC9210US	2.8-11 mm lens, IVA, silver mount

NBN-498-75	LTC 3674/20	N/A	7.5-50 mm lens, PoE
NBN-498-75V	LTC 3674/20	N/A	7.5-50 mm lens, IVA
NBN-498-75W	LTC 3674/20	TC9210US	7.5-50 mm lens, silver mount
NBN-498-75WV	LTC 3674/20	TC9210US	7.5-50 mm lens, IVA, silver mount
NBN-832V-P / NBN-832V-IP HD Day/Night, 12VDC/24 VAC, 60 Hz, NTSC, MicroSD slot (card not included), H.264			
NBN-832-18W	VLG-2V1803-MP5	TC9210US	Outdoor, 1.8 - 3 mm lens, 1080p HD
NBN-832-18WV	VLG-2V1803-MP5	TC9210US	Outdoor, 1.8 - 3 mm lens, 1080p HD, IVA
NBN-832-38W	VLG-3V3813-MP3	TC9210US	Outdoor, 3.8-13 mm lens, 1080p HD
NBN-832-38WV	VLG-3V3813-MP3	TC9210US	Outdoor, 3.8-13 mm lens, 1080p HD, IVA
NBN-832-94W	VLG-4V0940-MP5	TC9210US	Outdoor, 9-40 mm lens, 1080p HD
NBN-832-94WV	VLG-4V0940-MP5	TC9210US	Outdoor, 9-40 mm lens, 1080p HD, IVA

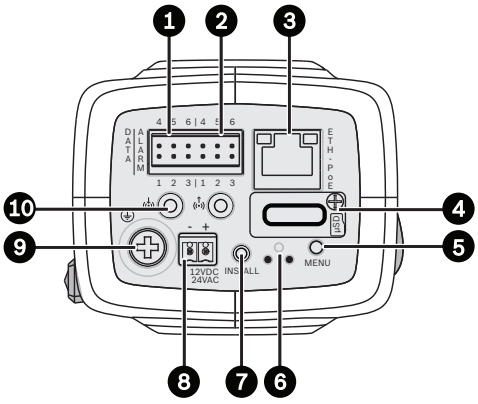
N/A = not available
IVA = enabled activation via a separate license

Certifications and approvals

Electromagnetic Compatibility	
Emission	
NBC-455 Series	EN55022 Class B EN61000-3-2 EN61000-3-3 FCC Part 15
NBN-498 Series	EN55022 Class B EN61000-3-2 EN61000-3-3 FCC Part 15
LTC 0435 Series, LTC 0455 Series, LTC 0485 Series, LTC 0498 Series NBN-832V-P NBN-832V-IP	EN55022 Class B FCC Part 15 Class B
Immunity	
LTC 0435 Series, LTC 0455 Series, LTC 0485 Series, LTC 0498 Series	EN50130-4
NBC-455 Series	EN50130-4 (PoE, +12 VDC) EN55024 (24 VAC) EN50121-4
NBN-498 Series	EN50130-4 (PoE, +12 VDC) EN55024 (24 VAC) EN50121-4B
NBN-832V-P NBN-832V-IP	EN50130-4 (CE), EN50121-4 (CE)
Safety	
LTC 0435 Series, LTC 0455 Series, LTC 0485 Series, LTC 0498 Series	EN60065
NBC-455 Series NBN-832V-P NBN-832V-IP	EN60950-1 UL60950-1 (2nd edition) CAN/CSA-C 22.2 No. 60950-1
NBN-498 Series	EN60950-1 UL60950-1 (2nd edition) CAN/CSA-C 22.2 No. 60950-1
Vibration	Camera with 500 g (1.1 lbs) lens as per IEC60068-2-6

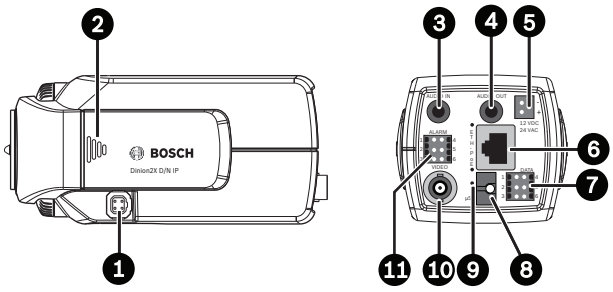
Region	Certification	
USA	UL	
	FCC	Declaration of Conformity

Installation/configuration notes



HD Camera Controls with MicroSD Card Slot

1	Data (RS485/422/232)	6	Reset button
2	Alarm in, relay out	7	Service video out
3	10/100 Base-T Fast Ethernet	8	Power supply input
4	MicroSD card slot	9	Earth
5	Menu button	10	Audio in / Audio out



IP Camera Controls with MicroSD Card Slot

1	Lens connector	7	Data (RS485/422/232)
2	Control buttons	8	MicroSD card slot (card not included)
3	Audio in	9	Reset button
4	Audio out	10	BNC video output (service mode)
5	Power supply input	11	Alarm in, relay out
6	10/100 Base-T Fast Ethernet		

Technical specifications

For a detailed list of camera technical specifications, refer to the appropriate datasheet for additional information.

Electrical

Model	Voltage
LTC 0435 Series, LTC 0455 Series, LTC 0485 Series	11-39 VDC, 12-28 VAC
LTC 0498 Series	12 VDC ± 10%, 24 VAC ± 10%
NBC-455 Series, NBN-498 Series, NBN-832 Series	12 VDC ± 10%, 24 VAC ± 10%, and PoE

Power Consumption	
LTC 0435 Series, LTC 0455 Series, LTC 0485 Series	4 W, excluding lens
LTC 0498 Series	4.2 W (12 VDC), 6 W (24 VAC)
NBC-455 Series	5.4 W | 6.6 W IVA (12 VDC) 6.7 W | 8.2 W IVA (24 VAC) 9.6 W (PoE 48 VDC)
NBN-498 Series	6.6 W | 7.8 W IVA (12 VDC) 8.2 W | 9.7 W IVA (24 VAC) 9.6 W (PoE 48 VDC)
NBN-832 Series	4.8 W | 6 W IVA (12 VDC) 8.4 W | 10.8 W IVA (24 VAC) 7.2 W | 8.4 W IVA (PoE 48 VDC)

Imager	
LTC 0435 Series, LTC 0455 Series, LTC 0485 Series, NBC-455 Series	1/3-inch CCD
NBN-498 Series	1/3-inch CCD, WDR, dual shutter
NBN-832 Series	1/2.7-inch CMOS

Sensitivity

(3200 K, scene reflectivity 89%, F1.2)

	Minimum Illumination (30 IRE)	Scene Illumination (50 IRE)	Scene Illumination (Full Video)
Analog Color, Standard			
LTC 0435-28		0.54 lux (0.05 fc)	2.15 lux (0.20 fc)
Analog Color, High Resolution (Night Sense)			
LTC 0455-28			
Standard Mode		0.89 lux (0.08 fc)	3.59 lux (0.33 fc)
NightSense		0.36 lux (0.03 fc)	1.43 lux (0.13 fc)
Analog Color, XF (Night Sense)			
LTC 0485-28			

Color		0.80 lux (0.07 fc)	3.26 lux (0.30 fc)
NightSense		0.32 lux (0.03 fc)	n/a
SensUp		n/a	0.036 lux (0.003 fc)
NightSense + SensUp		0.018 lux (0.002 fc)	n/a
Analog Day/Night, 2X			
LTC 0498-28			
Color	0.20 lux (0.0204 fc)	0.63 lux (0.063 fc)	3.26 lux (0.326 fc)
Color + SensUp 10x	0.02 lux (0.00204 fc)	0.06 lux (0.00639 fc)	0.32 lux (0.0326 fc)
Monochrome	0.081 lux (0.0081 fc)	2.55 lux (0.255 fc)	1.33 lux (0.133 fc)
Monochrome + SensUp 10x	0.0081 lux (0.00081 fc)	0.025 lux (0.0025 fc)	0.133 lux (0.013 fc)
LTC 0498-75			
Color	0.17 lux (0.0176 fc)	0.55 lux (0.055 fc)	2.81 lux (0.281 fc)
Color + SensUp 10x	0.018 lux (0.00176 fc)	0.055 lux (0.0055 fc)	0.281 lux (0.0281 fc)
Monochrome	0.0704 lux (0.00704 fc)	0.221 lux (0.02206 fc)	1.150 lux (0.11501 fc)
Monochrome + SensUp 10x	0.007 lux (0.0007 fc)	0.022 lux (0.002229 fc)	0.115 lux (0.0115 fc)
IP			
NBC-455-28 Series (Color)			
Color	0.40 lux (0.04 fc)	0.88 lux (0.088 fc)	3.5 lux (0.35 fc)
NightSense	0.16 lux (0.016 fc)	0.35 lux (0.035 fc)	1.41 lux (0.141 fc)
NBC-455-55 Series (Color)			
Color	0.60 lux (0.06 fc)	1.30 lux (0.130 fc)	5.21 lux (0.521 fc)
NightSense	0.24 lux (0.024 fc)	0.52 lux (0.052 fc)	2.08 lux (0.208 fc)
NBN-498-28 Series (Day/Night)			
Color	0.020 lux (0.020 fc)	0.63 lux (0.063 fc)	3.26 lux (0.326 fc)
Color + SensUp 10x	0.020 lux (0.0020 fc)	0.063 lux (0.0063 fc)	0.32 lux (0.032 fc)
Monochrome	0.081 lux (0.0081 fc)	0.255 lux (0.025 fc)	1.33 lux (0.133 fc)
Monochrome + SensUp 10x	0.0081 lux (0.00081 fc)	0.0255 lux (0.0025 fc)	0.133 lux (0.0133 fc)
NBN-498-75 Series (Day/Night)			
Color	0.15 lux (0.015 fc)	0.55 lux (0.055 fc)	2.81 lux (0.281 fc)
Color + SensUp 10x	0.01 lux (0.001 fc)	0.05 lux (0.005 fc)	0.28 lux (0.028 fc)
Monochrome	0.07 lux (0.007 fc)	0.22 lux (0.022 fc)	1.15 lux (0.115 fc)
Monochrome + SensUp 10x	0.0070 lux (0.0007 fc)	0.0229 lux (0.00229 fc)	0.1150 lux (0.0115 fc)
NBN-832 Series (Day/Night)			
Monochrome	0.22 lux (0.022 fc)		
Monochrome + SensUP 10x	0.05 lux (0.005 fc)		

Horizontal Resolution	
LTC 0435 Series	330 TVL
LTC 0455 Series, LTC 0485 Series, LTC 0498 Series, NBC-455 Series, NBN-498 Series	540 TVL
Output (IP Models)	
Video Standards	MPEG-4; M-JPEG, H.264 (ISO/IEC 14496-10)
GOP Structure	IP models: I, IP HD models: IP, IBP, IBBP
Data Rate	9.6 Kbps to 6 Mbps (const. and variable)
Local Storage	MicroSD card slot (card not included)

Control (Analog Models)

Bilinx bi-directional coaxial communication
OSD with softkey operation

Control (IP and HD Models)

Web browser or Configuration Manger

Lenses, Analog and Standard IP Cameras

	Focal Length	Iris Control Range	Iris Control
Non-IR Corrected			
LTC 3364/50	2.8–10 mm	F1.4 – 360	DC-iris
LTC 3374/50	5–50 mm	F1.7 – 360	DC-iris
IR-Corrected			

LTC 3664/40	2.8–11 mm	F1.4 – 360	DC-iris
LTC 3674/20	7.5–50 mm	F1.3 – 360	DC-iris

Lenses, IR Corrected HD Cameras

	Focal Length	Iris Control Range	Iris Control
VLG-2V1803-MP5	1.8 – 3 mm	F1.8 to close	DC-iris
VLG-3V3813-MP3	3.8 – 13 mm	F1.4 to close	DC-iris
VLG-4V0940-MP5	9 – 40 mm	F1.5 to close	DC-iris

Mechanical

Connectors	
Power	Plug
Video	Standard IP: BNC connector or Ethernet HD: Ethernet

Camera Dimensions (H x W x L)

LTC 0435 Series, LTC 0455 Series, LTC 0485 Series	58 mm x 67 mm x 122 mm (2.28 in. X 2.64 in. X 4.80 in.)
LTC 0498 Series, NBC-455 Series, NBN-498 Series	58 mm x 66 mm x 122 mm (2.28 in. X 2.64 in. X 4.80 in.) (without lens)
NBN-832 Series	78 mm x 66 mm x 140 mm (3.07 in. x 2.6 in. x 5.52 in.) (without lens)

Weight

LTC 0435 Series, LTC 0455 Series, LTC 0485 Series, LTC 0498 Series	450 g (0.99 lb) without lens
NBC-455 Series	524 g (1.155 lb) without lens
NBN-498 Series	542 g (1.195 lb) without lens
NBN-832 Series	690 g (1.52 lb) without lens
Mounting Bracket	TC9210U or TC9210US

Environmental

Temperature Range

Operating Temperature

LTC 0435 Series LTC 0455 Series LTC 0485 Series NBN-832 Series with IVA	-20 °C to +50 °C (-4 °F to +122 °F)
LTC 0498 Series	-20 °C to 55 °C (-4 °F to 131 °F)
NBN-832 Series non IVA	
NBC-455 Series*, NBN-498 Series*	-20 °C to +50 °C (-4 °F to +122 °F) (non-IVA) -20 °C to +45 °C (-4 °F to +113 °F) (IVA) *For extended temp. range, use HAC-IPCCC.

Storage Temperature

LTC 0435 Series, LTC 0455 Series, LTC 0485 Series	-25 °C to +70 °C (-13 °F to +158 °F)
LTC 0498 Series	-40 °C to 70 °C (-40 °F to 158 °F)
NBC-455 Series, NBN-498 Series	-40 °C to +70 °C (-40 °F to +158 °F)
NBN-832 Series	-30 °C to +70 °C (-22 °F to +158 °F)

Operating Humidity

LTC 0435 Series, LTC 0455 Series, LTC 0485 Series	5 - 93% relative (non-condensing)
LTC 0498 Series, NBC-455 Series, NBN-498 Series NBN-832 Series	20 - 93% relative (non-condensing)

Ordering information

LTC 0435-28
Camera, color, 2.8-10 mm lens, 24 V 60 Hz
Order number **LTC 0435-28**

LTC 0435-28W
Camera, color, 2.8-10 mm lens, 24 V 60 Hz, white mount
Order number **LTC 0435-28W**

LTC 0455-28
Camera, color, 2.8-10 mm lens, 24 V 60 Hz
Order number **LTC 0455-28**

LTC 0455-28W
Camera, color, 2.8-10 mm lens, 24 V 60 Hz, white mount
Order number **LTC 0455-28W**

LTC 0485-28
Camera, color, 2.8-10 mm lens, 24 VAC, 60 Hz
Order number **LTC 0485-28**

LTC 0485-28W
Camera, color, 2.8-10 mm lens, 24 VAC, 60 Hz, silver mount
Order number **LTC 0485-28W**

LTC 0498-28
Day/night camera, 2.8-11 mm lens, 24 VAC, 60 Hz
Order number **LTC 0498-28**

LTC 0498-28W
Day/night camera, 2.8-11 mm lens, 24 VAC, 60 Hz, with mount
Order number **LTC 0498-28W**

LTC 0498-75
Day/night camera, 7.5-50 mm lens, 24 VAC, 60 Hz
Order number **LTC 0498-75**

LTC 0498-75W
Day/night camera, 7.5-50 mm lens, 24 VAC, 60 Hz, with mount
Order number **LTC 0498-75W**

NBC-455-28 IP Color Camera
Dinion IP Color camera, 1/3 in., 2.8-10 mm lens, 12VDC/24 VAC, 60 Hz, PoE, H.264, MicroSD card slot
Order number **NBC-455-28**

NBC-455-28V IP Color Camera with IVA
Dinion IP Color camera, 1/3 in., 2.8-10 mm lens, 12VDC/24 VAC, 60 Hz, PoE, IVA, H.264, MicroSD card slot
Order number **NBC-455-28V**

NBC-455-55 IP Color Camera
Dinion IP Color camera, 1/3 in., 5-50 mm lens, 12VDC/24 VAC, 60 Hz, PoE, H.264, MicroSD card slot
Order number **NBC-455-55**

NBC-455-55V IP Color Camera with IVA
Dinion IP Color camera, 1/3 in., 5-50 mm lens, 12VDC/24 VAC, 60 Hz, PoE, IVA, H.264, MicroSD card slot
Order number **NBC-455-55V**

NBN-498-28 IP Day/Night Camera
Dinion IP Day/Night camera, 1/3 in., 2.8-11 mm lens, WDR, 12VDC/24VAC, 60 Hz, PoE, H.264, MicroSD card slot
Order number **NBN-498-28**

NBN-498-28V IP Day/Night Camera with IVA
Dinion IP Day/Night camera, 1/3 in., 2.8-11 mm lens, WDR, 12VDC/24VAC, 60 Hz, PoE, IVA, H.264, MicroSD card slot
Order number **NBN-498-28V**

NBN-498-75 IP Day/Night Camera
Dinion IP Day/Night camera, 1/3 in., 7.5-50 mm lens, WDR, 12VDC/24VAC, 60 Hz, PoE, H.264, MicroSD card slot
Order number **NBN-498-75**

NBN-498-75V IP Day/Night Camera with IVA
Dinion IP Day/Night camera, 1/3 in., 7.5-50 mm lens, WDR, 12VDC/24VAC, 60 Hz, PoE, IVA, H.264, MicroSD card slot
Order number **NBN-498-75V**

NBC-455-28W IP Color Camera Kit
Dinion IP Color Camera Kit, 2.8 – 10 mm, 12 VDC / 24 VAC, 60 Hz, silver mount, H.264, MicroSD card slot
Order number **NBC-455-28W**

NBC-455-28WV IP Color Camera Kit with IVA
Dinion IP Color Camera Kit with IVA, 2.8 – 10 mm, 12VDC / 24 VAC, 60 Hz, silver mount, H.264, MicroSD card slot
Order number **NBC-455-28WV**

NBC-455-55W IP Color Camera Kit
Dinion IP Color Camera Kit, 5 - 50 mm, 12VDC / 24 VAC, 60 Hz, silver mount, H.264, MicroSD card slot
Order number **NBC-455-55W**

NBC-455-55WV IP Color Camera Kit with IVA
Dinion IP Color Camera Kit with IVA, 5 – 50 mm, 12 VDC / 24 VAC, 60 Hz, silver mount, H.264, MicroSD card slot
Order number **NBC-455-55WV**

NBN-498-28W IP Day/Night Camera Kit
Dinion IP Day/Night Camera Kit, 2 8 – 11 mm, 12 VDC / 24 VAC, 60 Hz, silver mount, H.264, MicroSD card slot
Order number **NBN-498-28W**

NBN-498-28WV IP Day/Night Camera Kit with IVA
Dinion IP Day/Night Camera Kit with IVA, 2 8 – 11 mm, 12 VDC / 24 VAC, 60 Hz, silver mount, H.264, MicroSD card slot
Order number **NBN-498-28WV**

NBN-498-75W IP Day/Night Camera Kit
Dinion IP Day/Night Camera Kit, 7.5 - 50 mm, 12 VDC / 24 VAC, 60 Hz, silver mount, H.264, MicroSD card slot
Order number **NBN-498-75W**

NBN-498-75WV IP Day/Night Camera Kit with IVA
Dinion IP Day/Night Camera Kit with IVA, 7.5 - 50 mm, 12 VDC / 24 VAC, 60 Hz, silver mount, H.264, MicroSD card slot
Order number **NBN-498-75WV**

NBN-832-18W HD Day/Night Camera
Dinion 1080p HD Day/Night camera, 1/2.7 in., 1.8-3 mm lens, 12VDC/24 VAC, 60 Hz, PoE, H.264, MicroSD card slot, with mount
Order number **NBN-832-18W**

NBN-832-18WV HD Day/Night Camera with IVA
Dinion 1080p HD Day/Night camera, 1/2.7 in., 1.8-3 mm lens, 12VDC/24 VAC, 60 Hz, PoE, IVA, H.264, MicroSD card slot, with mount
Order number **NBN-832-18WV**

NBN-832-38W HD Day/Night Camera
Dinion 1080p HD Day/Night camera, 1/2.7 in., 3.8-13 mm lens, 12VDC/24 VAC, 60 Hz, PoE, H.264, MicroSD card slot, with mount
Order number **NBN-832-38W**

NBN-832-38WV HD Day/Night Camera with IVA
Dinion 1080p HD Day/Night camera, 1/2.7 in., 3.8-13 mm lens, 12VDC/24 VAC, 60 Hz, PoE, IVA H.264, MicroSD card slot, with mount
Order number **NBN-832-38WV**

NBN-832-94W HD Day/Night Camera
Dinion 1080p HD Day/Night camera, 1/2.7 in., 9-40 mm lens, 12VDC/24 VAC, 60 Hz, PoE, H.264, MicroSD card slot, with mount
Order number **NBN-832-94W**

NBN-832-94WV HD Day/Night Camera with IVA
Dinion 1080p HD Day/Night camera, 1/2.7 in., 9-40 mm lens, 12VDC/24 VAC, 60 Hz, PoE, IVA, H.264, MicroSD card slot, with mount
Order number **NBN-832-94WV**

Accessories

EX12LED8M LED Infrared Illuminator
Infrared w/ 42 LEDs, 850 nm, Med Beam 30°, 12/24 VRB, 0.5 amp, Photocell
Order number **EX12LED8M**

EX12LED9M LED Infrared Illuminator
Infrared w/ 42 LEDs, 940 nm, Med Beam 30°, 12/24 VRB, 0.5 amp, Photocell
Order number **EX12LED9M**

EX12LED8W LED Infrared Illuminator
Infrared w/ 42 LEDs, 850 nm, Wide Beam 60°, 12/24 VRB, 0.5 amp, Photocell
Order number **EX12LED8W**

EX12LED9W LED Infrared Illuminator
Infrared w/ 42 LEDs, 940 nm, Wide Beam 60°, 12/24 VRB, 0.5 amp, Photocell
Order number **EX12LED9W**

UPA-1220-60 Power Supply
120 VAC, 60 Hz, 12 VDC, 1 A Out, regulated
Order number **UPA-1220-60**

UPA-2410-60 Power Supply
120 VAC, 60 Hz, 24 VAC, 10 VA Out
Order number **UPA-2410-60**

TC8235GIT Ground Loop Isolation Transformer
Order number **TC8235GIT**

Software Options

VP-CFGSFT Configuration Software
for cameras using Bilinx, includes VP-USB Adaptor
Order number **VP-CFGSFT**

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